

January 26, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re/ Application of  
Joerg Wilken, Frank Nerenz and  
Andreas Kanschik-Conradsen  
U.S. Application No. 10/660,837  
Filed September 12, 2003  
Confirmation No. 7861

Examiner: Not Yet Known  
Art Unit: 1626

Improved Process For The Synthesis of an Antiviral Compound

(Atty. Docket No. H26806 (P25,583-A USA))

CERTIFICATE OF FIRST CLASS MAILING

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service on January 26, 2004, 2004 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 with sufficient postage as first class mail.

  
Todd Conway

Submission of Information Disclosure  
Statement Pursuant to 37 C.F.R. §1.97(b)(3)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is believed to be filed before a first Office Action and/or before the mailing of any Final Action, Notice of Allowance or other action that otherwise closes prosecution. The inclusion of information in this

Applicants: Joerg Wilken, et al.  
Application No.: 10/660,837

Disclosure Statement and as set forth on the attached form PTO-1449 (Modified) is not necessarily a concession that such information is prior art to the present invention or that such information is in an art area analogous to the present invention.

It is respectfully requested that the publications listed on the enclosed Form PTO-1449 (Modified) be made of record and considered with respect to the above-referenced U.S. Patent Application. It is respectfully requested that the Examiner consider all of the information described herein and on the attached form PTO-1449 (Modified) and indicate having done so by initialing the enclosed form. It is requested also that an initialed copy of the form be returned to the undersigned.

The present application was filed on September 12, 2003 is based on and claims priority of U.S. Application No. 60/431,112 , filed December 5, 2002.

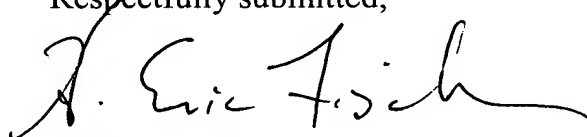
In accordance with the U.S. Patent Office waiver dated July 11, 2003 of the requirement under 37 C.F.R. §1.98(a)(2)(i) for submission of copies of U.S. patents for Information Disclosure Statement submissions pertinent to applications filed after June 30, 2003, no copy of the U.S. patent listed on the Form PTO-1449 (Modified) (item AA) is submitted.

Forwarded herewith are copies of the published international applications listed on the accompanying form PTO-1449 (Modified) (items AB and AC) as well as the scientific articles listed thereon (items AD to AG).

Applicants: Joerg Wilken, et al.  
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The Commissioner is hereby authorized to charge any fees associated with this communication or credit any overpayment to Deposit Account Number 19-5425. A duplicate copy of this statement is included for charging purposes if necessary.

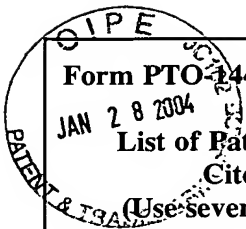
Respectfully submitted,

A handwritten signature in black ink, appearing to read "H. Eric Fischer", with a long, sweeping horizontal stroke at the end.

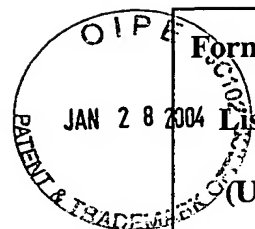
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<b>Form PTO-1449 Modified</b> <b>List of Patents and Publications</b> <b>Cited by Applicant</b> (Use several sheets if necessary)  <b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>		<b>Docket No.</b> P25,583-A USA		<b>Application No.</b> 10/660,837		
		<b>Applicant(s)</b> Joerg Wilken, Frank Nerenz and Andreas Kanschik-Conradsen				
		<b>Filing Date</b> September 12, 2003		<b>Group</b> Not Yet Known		
<b>U.S. PATENT DOCUMENTS</b>						
<b>Examiner Initials</b>		<b>Document No.</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>
	AA	6,211,386 B1	4/3/01	Burk et al.	549	292
<b>FOREIGN PATENT DOCUMENTS</b>						
<b>Examiner Initials</b>		<b>Document No.</b>	<b>Date</b>	<b>Country</b>	<b>Translation</b> <b>Yes      No</b>	
	AB	WO 99/12919	18 March 1999	PCT	X	
	AC	WO 00/55150	21 September 2000	PCT	X	
<b>Examiner</b>			<b>Date Considered</b>			



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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	AD	Fors et al., A Convergent, Scalable Synthesis of HIV Protease Inhibitor PNU-140690, Journal of Organic Chemistry, Vol. 63 (1998) pp.7348-56	
	AE	Hagen SE; Prasad JV; Boyer FE. et al., Synthesis of 5,6-dihydro-4-hydroxy-2-pyrones, J. Med. Chem. (1997), Vol. 40(23) pp. 3707-11	
	AF	Turner SL; Strohbach JW; Tommasi RA. et al., Tipranavir (PNU-140690): A Potent, Orally Bioavailable Nonpeptidic HIV Protease Inhibitor of the 5,6-Dihydro-4-hydroxy-2-pyrone Sulfonamide Class, J. Med. Chem. (1998), 41, pp. 3467-3476	
	AG	Rathke MW; The Reformatsky Reaction; Organic Reactions, (1975) Vol. 22, pp. 423-460	
<b>Examiner</b>		<b>Date Considered</b>	